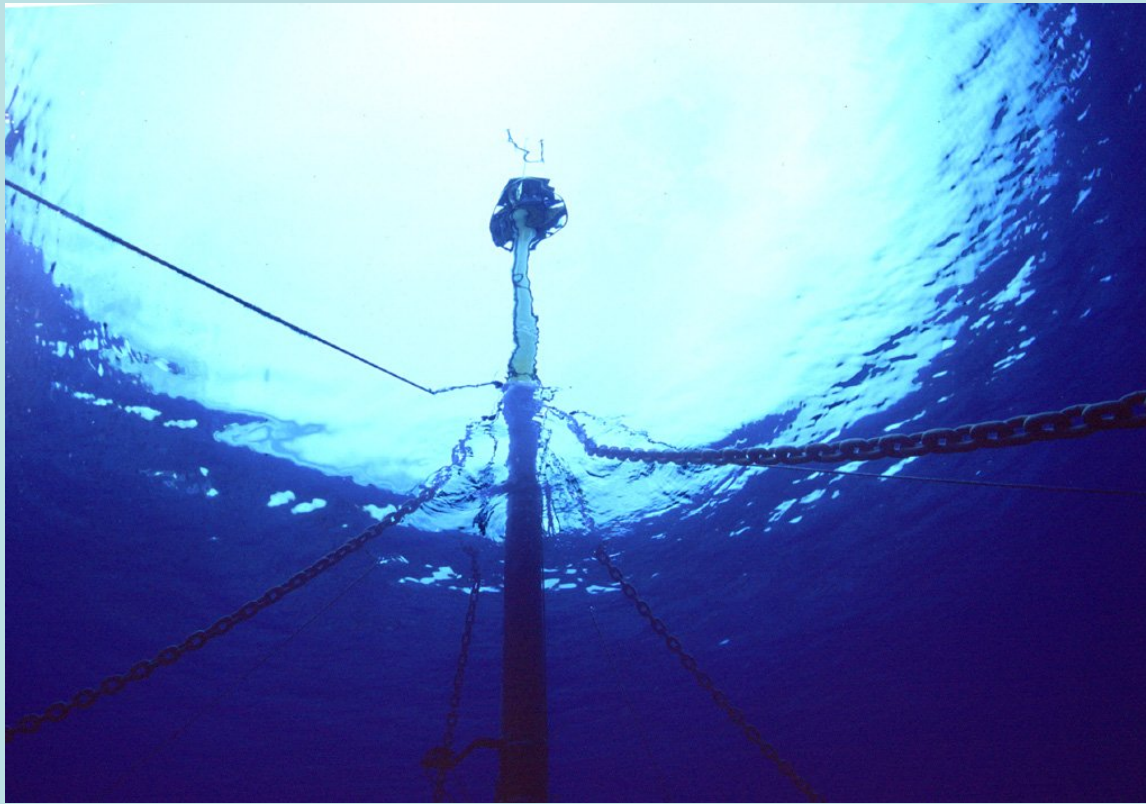


# CREWS Station for Parguera



## **CREWS Station location – Back reef of Media Luna Reef**



## CREWS Station location – Back of Media Luna Reef







## **Instrumentation - AIR**

- Air temperature
- Wind speed, gusts and direction
- Barometric pressure
- PAR and UV (305, 330 and 380 nm)  
above and below the water at two different depths

# Instrumentation - Water

- Water temperature
- Salinity
- Tide variation (depth on the CTD as proxy).
- Telemetered Instrument Array (TIA) measure the following parameters at long distances from the station:
  - Sea water temperature
  - Light
  - Transmissometry
  - PAM-fluorometry

# **CREWS Station for Parguera**

- **Data will be processed with the CREWS expert system software so that we can get a synoptic view of the two regions (the station, and the remote site).**
- **Offer of collaboration in receiving satellite data from NASA, LSU and USF to merge with and analyze in near real-time for purposes of a Caribbean Regional Node of IOOS**
- **Great potential here for a collaborative effort under the Caribbean Coral Reef Institute initiative**

# Schedule-05

- **February:**
  - **Ttesting Instruments in tanks**
- **March**
  - **Jeff Judas with the mold for the base plate in early March**
  - **Pour concrete for base**
  - **Crane to move base to site**
  - **Environmental Moorings International comes down to install manta-ray type of mooring pins for fastening down the station**
- **April**
  - **Final assemblage and instrument mounting and testing**